Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112122\
Data File : BP012686.D
Acq On : 21 Nov 2022 15:04
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 21 22:51:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:44:58 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	347038	20.000	ng		0.00
21) Naphthalene-d8	10.858	136	1453790	20.000	ng		0.00
39) Acenaphthene-d10	14.669	164	965807	20.000	ng		0.00
64) Phenanthrene-d10	17.428	188	2143034	20.000	ng		0.00
76) Chrysene-d12	21.516	240	2255505	20.000	ng		0.00
86) Perylene-d12	24.039	264	2179003	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1814198	94.477	ng		0.00
7) Phenol-d6	7.187	99	2570390	96.113	ng		0.00
23) Nitrobenzene-d5	9.205	82	2848700	123.203	ng		0.00
42) 2,4,6-Tribromophenol	16.163	330	1202786	108.823	ng		0.00
45) 2-Fluorobiphenyl	13.299	172	7168700	111.683	ng		0.00
79) Terphenyl-d14	19.975	244	11147569	106.787	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	344722	44.700	ng		99
3) Pyridine	3.846	79	1152072m	47.324	ng		
4) n-Nitrosodimethylamine	3.758	42	496061	47.716	ng		97
6) Aniline	7.358	93	1625727	48.255	ng		99
8) 2-Chlorophenol	7.599	128	1166294	49.187	ng		98
9) Benzaldehyde	7.164	77	666023	42.702	ng		99
10) Phenol	7.211	94	1451600	48.180	ng		99
11) bis(2-Chloroethyl)ether	7.458	93	1197617	49.900	ng		100
12) 1,3-Dichlorobenzene	7.922	146	1354366	51.469	ng		99
13) 1,4-Dichlorobenzene	8.069	146	1391307	51.852	ng		99
14) 1,2-Dichlorobenzene	8.393	146	1344777	52.224	ng		100
15) Benzyl Alcohol	8.275	79	954835	47.920	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.569	45	1734880	51.232	ng		100
17) 2-Methylphenol	8.469	107	1028253	49.216	ng		99
18) Hexachloroethane	9.128	117	503086	56.107	ng		97
19) n-Nitroso-di-n-propyla...	8.852	70	916292	50.408	ng		99
20) 3+4-Methylphenols	8.805	107	1417019	48.414	ng		99
22) Acetophenone	8.864	105	1897263	52.282	ng	#	98
24) Nitrobenzene	9.246	77	1453926	58.232	ng		99
25) Isophorone	9.775	82	2684173	51.607	ng		99
26) 2-Nitrophenol	9.958	139	554414	51.206	ng		99
27) 2,4-Dimethylphenol	10.016	122	983450	48.133	ng		99
28) bis(2-Chloroethoxy)met...	10.258	93	1571313	53.117	ng		100
29) 2,4-Dichlorophenol	10.493	162	1282445	54.002	ng		99
30) 1,2,4-Trichlorobenzene	10.716	180	1447977	56.803	ng		99
31) Naphthalene	10.905	128	4289886	53.675	ng		100
32) Benzoic acid	10.163	122	574509m	35.911	ng		
33) 4-Chloroaniline	11.010	127	1697138	50.969	ng		99
34) Hexachlorobutadiene	11.193	225	899078	59.698	ng		99
35) Caprolactam	11.799	113	370599	47.925	ng		99
36) 4-Chloro-3-methylphenol	12.122	107	1302998	51.114	ng		96
37) 2-Methylnaphthalene	12.504	142	3115102	54.503	ng		99
38) 1-Methylnaphthalene	12.722	142	3038494	54.101	ng		100
40) 1,2,4,5-Tetrachloroben...	12.869	216	1679402	59.619	ng		100
41) Hexachlorocyclopentadiene	12.852	237	812569	75.843	ng		100
43) 2,4,6-Trichlorophenol	13.104	196	1108621	55.280	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.175	196	1256006	56.606	ng	97
46)	1,1'-Biphenyl	13.510	154	3942176	54.585	ng	100
47)	2-Chloronaphthalene	13.551	162	3175055	55.364	ng	100
48)	2-Nitroaniline	13.746	65	793713	69.158	ng	99
49)	Acenaphthylene	14.393	152	5084602	54.325	ng	100
50)	Dimethylphthalate	14.134	163	4026099	52.924	ng	99
51)	2,6-Dinitrotoluene	14.246	165	869017	65.142	ng	94
52)	Acenaphthene	14.740	154	3217722	53.869	ng	99
53)	3-Nitroaniline	14.575	138	922583	60.391	ng	98
54)	2,4-Dinitrophenol	14.775	184	359577	48.543	ng	97
55)	Dibenzofuran	15.069	168	4920263	54.565	ng	100
56)	4-Nitrophenol	14.863	139	762666	53.332	ng	99
57)	2,4-Dinitrotoluene	15.028	165	1178909	66.438	ng	99
58)	Fluorene	15.722	166	3987525	56.183	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.293	232	1136457	56.893	ng	99
60)	Diethylphthalate	15.493	149	3960584	52.926	ng	100
61)	4-Chlorophenyl-phenyle...	15.716	204	2004090	58.745	ng	98
62)	4-Nitroaniline	15.740	138	908684	60.801	ng	100
63)	Azobenzene	16.010	77	3849064	56.298	ng	99
65)	4,6-Dinitro-2-methylph...	15.793	198	540825	51.389	ng	93
66)	n-Nitrosodiphenylamine	15.928	169	3387693	53.044	ng	100
67)	4-Bromophenyl-phenylether	16.610	248	1193457	53.260	ng	98
68)	Hexachlorobenzene	16.728	284	1496063	57.568	ng	97
69)	Atrazine	16.881	200	901082	53.546	ng	98
70)	Pentachlorophenol	17.069	266	929341	55.098	ng	100
71)	Phenanthrene	17.469	178	6648547	54.695	ng	100
72)	Anthracene	17.563	178	6403431	54.600	ng	100
73)	Carbazole	17.828	167	5870686	52.708	ng	100
74)	Di-n-butylphthalate	18.381	149	6225857	53.613	ng	100
75)	Fluoranthene	19.428	202	8020845	55.696	ng	99
77)	Benzidine	19.604	184	888906	28.668	ng	99
78)	Pyrene	19.781	202	8321474	52.207	ng	100
80)	Butylbenzylphthalate	20.651	149	1111115	38.623	ng	98
81)	Benzo(a)anthracene	21.498	228	8578150	54.249	ng	99
82)	3,3'-Dichlorobenzidine	21.422	252	1934632	48.608	ng	100
83)	Chrysene	21.557	228	8057975	53.741	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.422	149	2293027	43.982	ng	98
85)	Di-n-octyl phthalate	22.398	149	4567771	41.412	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.704	276	8947248	56.401	ng	100
88)	Benzo(b)fluoranthene	23.269	252	8159744	56.564	ng	99
89)	Benzo(k)fluoranthene	23.322	252	8417867	58.727	ng	99
90)	Benzo(a)pyrene	23.933	252	6745295	56.345	ng	100
91)	Dibenzo(a,h)anthracene	26.727	278	7539508	57.475	ng	99
92)	Benzo(g,h,i)perylene	27.521	276	6850897	53.770	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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